

### Abstract

5 A method for controlling Dipteran larvae or a method for inhibiting  
the development of larvicidal resistance, controlling resistant populations  
and reducing resistance levels in Diptera by introducing a larvicidally-  
effective amount of a combination of a strain of *Bacillus thuringiensis*  
subspecies *israelensis* and a strain of *Bacillus sphaericus* into an  
environment containing Dipteran larvae; and a composition of the  
combination are disclosed. Preferably both strains are non-genetically  
10 modified.